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CHECKLIST

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Checklist of the families Scathophagidae, Fanniidae and Muscidae of Finland (Insecta, Diptera)

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Abstract

A revised checklist of the Scathophagidae, Fanniidae and Muscidae recorded from Finland is presented. *Phaonia amicula* Villeneuve, 1922 is noted from Finland for the first time.

Keywords

Species list, Finland, Diptera, biodiversity, faunistics

Introduction

Four families make up the traditional superfamily Muscoidea: Scathophagidae, Anthomyiidae, Fanniidae and Muscidae. The monophyly of the superfamily has been strongly questioned (Nirmala et al. 2001, Kutty et al. 2010) on the basis of DNA sequence analyses.

Three of the four families of Muscoidea are treated in this paper, the fourth (Anthomyiidae) is covered in a separate paper in this issue of ZooKeys. All three are important components of the Finnish fly fauna as can be seen from the large number of species involved and the fact that the species recorded from the country represent up to one fifth of the world fauna in the case of Scathophagidae.

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Table 1. Number of species by family.

Family	Number of species in			Level of knowledge
	World (Pape et al. 2011)	**Europe**	**Finland**	
Scathophagidae	419	158	85–86	good
Fanniidae	359	83	61	average
Muscidae	5218	572	307–309	average

Unfortunately the muscoid flies have been poorly collected and studied in Finland in comparison with many other Diptera families. Lauri Tiensuu concentrated on these families during the 1930s (1935, 1938, 1939) and Walter Hackman (1956) reviewed the Finnish Scathophagidae. During the last ten years, both the fanniids (Kahanpää and Haarto 2013) and the muscids (Kahanpää 2013) have attracted some attention in the country. The number of species known from the country has increased markedly since the year 2000.

The Finnish muscoid species were last listed by Hackman (1980).

Checklist

suborder Brachycera Macquart, 1834
clade Eremoneura Lameere, 1906
clade Cyclorrhapha Brauer, 1863
infraorder Schizophora Becher, 1882
clade Muscaria Enderlein, 1936
parvorder Calyptratae Robineau-Desvoidy, 1830
superfamily Muscoidea Latreille, 1802

SCATHOPHAGIDAE Robineau-Desvoidy, 1830
DELININAE Séguy, 1952
DELINA Robineau-Desvoidy, 1830
Delina nigrita (Fallén, 1819)
LEPTOPA Zetterstedt, 1838
Leptopa filiformis Zetterstedt, 1838
MICROPSELAPHA Becker, 1894
Micropselapha filiformis (Zetterstedt, 1846)
PARALLELOMMA Strobl, 1894
= *Chylizosoma* Hendel, 1924
Parallelomma medium Becker, 1894
? *Parallelomma paridis* Hering, 1923 (see Notes)
Parallelomma sellatum (Hackman, 1956)
Parallelomma vittatum (Meigen, 1826)
PHROSIA Robineau-Desvoidy, 1830

Phrosia albilabris (Fabricius, 1805)
SCATHOPHAGINAE Robineau-Desvoidy, 1830
ACANTHOCNEMA Becker, 1894
sg. *Clinoceroides* Hendel, 1917
Acanthocnema glaucescens (Loew, 1864)
= *nigripes* Ringdahl, 1936
ACEROCNEMA Becker, 1894
Acerocnema macrocera (Meigen, 1826)
= *tiefi* Becker, 1894
= *pokornyi* Becker, 1894
ALLOMYELLA Malloch, 1923
Allomyella albipennis (Zetterstedt, 1838)
Allomyella frigida (Holmgren, 1883)
= *portenkoi* (Stackelberg, 1952) misid.
BOSTRICHOPYGA Becker, 1894
Bostrichopyga crassipes (Zetterstedt, 1838)
CHAETOSA Coquillett, 1898
Chaetosa punctipes (Meigen, 1826)
CLEIGASTRA Macquart, 1835
= *Cnemopogon* Rondani, 1856
Cleigastra apicalis (Meigen, 1826)
CONISTERNUM Strobl, 1894
= *Coniosternum* Becker, 1894
Conisternum lapponicum (Ringdahl, 1920)
Conisternum obscurum (Fallén, 1819)
Conisternum tinctinerve (Becker, 1894)
CORDILURA Fallén, 1810
= *Cordylura* Meigen, 1826 emend.
sg. *Cordilura* Fallén, 1810
Cordilura aberrans Becker, 1894
Cordilura aemula Collin, 1958
Cordilura atrata Zetterstedt, 1846
Cordilura ciliata Meigen, 1826
Cordilura picipes Meigen, 1826
Cordilura picticornis Loew, 1864
Cordilura proboscidea Zetterstedt, 1838
Cordilura pubera (Linnaeus, 1758)
Cordilura pudica Meigen, 1826
Cordilura rufimana Meigen, 1826
Cordilura socialis (Becker, 1894)
= *freyi* Hackman, 1956
sg. *Cordilurina* James, 1955
= *Parallelomma* Becker, 1894 preocc.

Cordilura albipes Fallén, 1819
Cordilura fuscipes Zetterstedt, 1838
sg. *Scoliaphleps* Becker, 1894
Cordilura ustulata Zetterstedt, 1838
= *melanacra* Loew, 1873
COSMETOPUS Becker, 1894
Cosmetopus dentimana (Zetterstedt, 1838)
= *fulvipes* (Zetterstedt, 1838)
Cosmetopus longa (Walker, 1849)
= *bergrothi* Becker, 1900 in part
= *fulvipes* auct. nec (Zetterstedt, 1838)
Cosmetopus ringdahli Andersson, 1974
= *bergrothi* Becker, 1900 in part
ERNONEURA Becker, 1894
Ernoneura argus (Zetterstedt, 1838)
GONARCTICUS Becker, 1894
Gonarcticus abdominalis (Zetterstedt, 1846)
GONATHERUS Rondani, 1856
Gonatherus planiceps (Fallén, 1826)
GIMNOMERA Rondani, 1866
= *Cochliarium* Becker, 1894
Gimnomera albipila (Zetterstedt, 1846)
Gimnomera cuneiventris (Zetterstedt, 1846)
Gimnomera dorsata (Zetterstedt, 1838)
Gimnomera hirta Hendel, 1930
Gimnomera tarsea (Fallén, 1819)
HEXAMITOCERA Becker, 1894
Hexamitocera loxoceratum (Fallén, 1826)
HYDROMYZA Fallén, 1823
Hydromyza livens (Fabricius, 1794)
MEGAPHTHALMA Becker, 1894
Megaphthalma pallida (Fallén, 1819)
MEGAPHTHALMOIDES Ringdahl, 1936
Megaphthalmoides unilineatus (Zetterstedt, 1838)
MICROPROSOPA Strobl, 1894
Microprosopa haemorrhoidalis (Meigen, 1826)
Microprosopa lacteipennis Ringdahl, 1920
Microprosopa lineata (Zetterstedt, 1838)
Microprosopa pallidicauda (Zetterstedt, 1838)
NANNA Strobl, 1894
= *Amaurosoma* Becker, 1894
Nanna armillata (Zetterstedt, 1846)
Nanna articulata (Becker, 1894)

Nanna bispinosa (Malloch, 1920)
Nanna brevifrons (Zetterstedt, 1838)
Nanna fasciata (Meigen, 1826)
Nanna flavipes (Fallén, 1819)
= *minuta* (Becker, 1894)
?= *multisetosa* (Hackman, 1956)
Nanna inermis (Becker, 1894)
Nanna leucostoma (Zetterstedt, 1846)
Nanna tibiella (Zetterstedt, 1838)
= *nigripes* (Zetterstedt, 1846)
NORELLIA Robineau-Desvoidy, 1830
Norellia tipularia (Fabricius, 1794) (see Notes)
NORELLISOMA Hendel, 1910
Norellisoma lituratum (Wiedemann, 1826)
Norellisoma spinimanum (Fallén, 1819)
OKENIELLA Hendel, 1907
Okeniella caudata (Zetterstedt, 1838)
Okeniella dasyprocta (Loew, 1864)
ORTHACHETA Becker, 1894
Orthacheta pilosa (Zetterstedt, 1838)
PLEUROCHAETELLA Vockeroth, 1965
Pleurochaetella simplicipes (Becker, 1900)
POGONOTA Zetterstedt, 1860
sg. *Pogonota* Zetterstedt, 1860
Pogonota barbata (Zetterstedt, 1838)
sg. *Lasioscelus* Becker, 1894
Pogonota immunda (Zetterstedt, 1838)
= *clavatus* (Zetterstedt, 1846)
Pogonota sahlbergi Becker, 1900
SCATHOPHAGAMeigen, 1803
= *Scatophaga* Frabricius, 1805 emend.
= *Scopeuma* Meigen, 1800 suppr.
= *Scatomyza* Fallén, 1810
Scathophaga apicalis Curtis *in* Ross, 1835
Scathophaga furcata (Say, 1823)
Scathophaga incola Becker, 1900
Scathophaga inquinata (Meigen, 1826)
= *analis* Meigen, 1826
Scathophaga litorea (Fallén, 1819)
Scathophaga lutaria (Fabricius, 1794)
Scathophaga obscurinervis Becker, 1900
Scathophaga pictipennis Oldenberg, 1923
Scathophaga scybalaria (Linnaeus, 1758)

Scathophaga stercoraria (Linnaeus, 1758)
Scathophaga suilla (Fabricius, 1794)
SPAZIPHORA Rondani, 1856
Spaziphora hydromyzina (Fallén, 1819)
= *fascipes* (Becker, 1894)
STAEGERIA Rondani, 1856
Staegeria kunzei (Zetterstedt, 1821)
TRICHOPALPUS Rondani, 1856
Trichopalpus fraternus (Meigen, 1826)
Trichopalpus nigribasis Curran, 1927
= *pilirostris* (Ringdahl, 1936)
Trichopalpus obscurellus (Zetterstedt, 1846)
= *subarcticus* (Ringdahl, 1936)

FANNIIDAE Schnabl & Dziezicki, 1911
FANNIA Robineau-Desvoidy, 1830
= *Homalomyia* Bouché, 1834
= *Coelomyia* Haliday, 1840
Fannia aethiops Malloch, 1913
Fannia alpina Pont, 1970
Fannia armata (Meigen, 1826)
Fannia atra (Stein, 1895)
Fannia canicularis (Linnaeus, 1761)
Fannia carbonaria (Meigen, 1826)
Fannia carbonella (Stein, 1895)
Fannia coracina (Loew, 1873)
Fannia corvina (Verrall, 1892)
= *halterata* Ringdahl, 1918
Fannia cothurnata (Loew, 1873)
Fannia difficilis (Stein, 1895)
Fannia fuscitibia Stein, 1920
Fannia fuscula (Fallén, 1825)
Fannia genualis (Stein, 1895)
Fannia gotlandica Ringdahl, 1926
Fannia hirticeps (Stein, 1892)
Fannia hirundinis Ringdahl, 1948
Fannia immutica Collin, 1939
Fannia incisurata (Zetterstedt, 1838)
Fannia latifrontalis Hennig, 1955
Fannia latipalpis (Stein, 1892)
Fannia lepida (Wiedemann, 1817)
= *mutica* (Zetterstedt, 1845)
Fannia leucosticta (Meigen, 1838)

Fannia limbata (Tiensuu, 1938)
= *berolinensis* Hennig, 1955
Fannia lucidula (Zetterstedt, 1860)
= *glaucescens* auct. nec (Zetterstedt, 1845)
Fannia lugubrina (Zetterstedt, 1838)
Fannia lustrator (Harris, 1780)
= *hamata* (Macquart, 1835)
Fannia manicata (Meigen, 1826)
Fannia melania (Dufour, 1839)
= *ciliata* (Stein, 1895)
Fannia metallipennis (Zetterstedt, 1838)
= *kowarzi* (Verrall, 1892)
Fannia minutipalpis (Stein, 1895)
Fannia mollissima (Haliday, 1840)
= *spathulata* (Zetterstedt, 1845)
Fannia monilis (Haliday, 1838)
Fannia pallitibia (Rondani, 1866)
Fannia parva (Stein, 1895)
Fannia pauli Pont, 1997
= *nitida* (Stein, 1895) preocc.
Fannia polychaeta (Stein, 1895)
Fannia postica (Stein, 1895)
Fannia posticata (Meigen, 1826)
= *pretiosa* (Schiner, 1862)
Fannia rabdionata Karl, 1940
Fannia ringdahlana Collin, 1939
= *umbrosa* auct. nec (Stein, 1895)
Fannia rondanii (Strobl, 1893)
= *carbonaria* (Rondani, 1871) preocc.
= *aerea* misid.
Fannia scalaris (Fabricius, 1794)
= *subscalaris* Zimin, 1946
Fannia serena (Fallén, 1825)
Fannia similis (Stein, 1895)
Fannia slovaca Gregor & Rozkošný, 2005
Fannia sociella (Zetterstedt, 1845)
Fannia spathiophora Malloch 1918
= *nodulosa* Ringdahl, 1926
Fannia speciosa (Villeneuve, 1898)
Fannia stigi Rognes, 1982
Fannia subatripes d'Assis-Fonseca, 1967
Fannia subpellucens (Zetterstedt, 1845)
Fannia subpubescens Collin, 1958

Fannia tuberculata (Zetterstedt, 1849)
Fannia umbratica Collin, 1939
Fannia umbrosa (Stein, 1895)
= *subumbrosa* Ringdahl, 1934
Fannia verrallii (Stein, 1895)
Fannia vesparia (Meade, 1891)
Fannia vespertilionis Ringdahl, 1934
PIEZURA Rondani, 1844
= *Platycoenosia* Strobl, 1894
Piezura graminicola (Zetterstedt, 1846)
= *boletorum* (Rondani, 1866)
= *mikii* (Strobl, 1894)
Piezura pardalina (Rondani, 1866)
= *graminicola* auct. nec (Zetterstedt, 1846)

MUSCIDAE Latreille, 1802
ACHANTHIPTERINAE Hennig, 1962
ACHANTHIPTERA Rondani, 1856
Achanthiptera rohrelliformis (Robineau-Desvoidy, 1830)
= *inanis* (Fallén, 1825) preocc.
COENOSIINAE Verrall, 1888
tribe Coenosiini Verrall, 1888
COENOSIA Meigen, 1826
= *Caricea* Robineau-Desvoidy, 1830
= *Oplogaster* Rondani, 1856
= *Dexiopsis* Pokorny, 1893
Coenosia acuminata Strobl, 1898
= *annulipes* Ringdahl, 1932
Coenosia agromyzina (Fallén, 1825)
Coenosia ambulans Meigen, 1826
Coenosia bilineella (Zetterstedt, 1838)
Coenosia campestris (Meigen, 1830)
= *sexnotata* auct. nec Meigen, 1826
? *Coenosia comita* (Huckett, 1936) (see Notes)
= *ovulifera* Tiensuu, 1938
Coenosia dealbata (Zetterstedt, 1838)
= *fulvicornis* (Zetterstedt, 1845)
Coenosia flavimana (Zetterstedt, 1845)
= *albatella* (Zetterstedt, 1849)
Coenosia humilis Meigen, 1826
Coenosia intermedia (Fallén, 1825)
Coenosia lacteipennis (Zetterstedt, 1845)
Coenosia lineatipes (Zetterstedt, 1845)

= *albicornis* misid.
Coenosia means Meigen, 1826
Coenosia mollicula (Fallén, 1825)
Coenosia octopunctata (Zetterstedt, 1838)
Coenosia paludis Tiensuu, 1939
Coenosia pedella (Fallén, 1825)
= *decipiens* Meigen, 1826
Coenosia perpusilla Meigen, 1826
Coenosia pudorosa Collin, 1953
Coenosia pulicaria (Zetterstedt, 1845)
Coenosia pumila (Fallén, 1825)
Coenosia pygmaea (Zetterstedt, 1845)
Coenosia ruficornis Macquart, 1835
= *litoralis* (Zetterstedt, 1846)
Coenosia rufipalpis Meigen, 1826
= *flavicauda* Ringdahl, 1937
Coenosia sallae Tiensuu, 1938
Coenosia testacea (Robineau-Desvoidy, 1830)
= *tricolor* (Zetterstedt, 1845)
= *alleni* d'Assis-Fonseca, 1966
Coenosia tigrina (Fabricius, 1775)
Coenosia trilineella (Zetterstedt, 1838)
= *trilineata* emend.
Coenosia verralli Collin, 1953
= *steini* Verrall, 1912 preocc.
LIMNOSPILA Schnabl, 1902
Limnospila albifrons (Zetterstedt, 1849)
LISPOCEPHALA Pokorny, 1893
Lispocephala alma (Meigen, 1826)
Lispocephala erythrocera (Robineau-Desvoidy, 1830)
Lispocephala falculata Collin, 1963
Lispocephala fuscitibia Ringdahl, 1944
Lispocephala pallipalpis (Zetterstedt, 1845)
Lispocephala spuria (Zetterstedt, 1838)
= *vitripennis* Ringdahl, 1951
Lispocephala verna (Fabricius, 1794)
MACRORCHIS Rondani, 1877
Macrorchis meditata (Fallén, 1825)
PSEUDOCOENOSIA Stein, 1916
Pseudocoenosia abnormis Stein, 1916
Pseudocoenosia solitaria (Zetterstedt, 1838)
= *longicauda* (Zetterstedt, 1860)
SCHOENOMYZA Haliday, 1833

Schoenomyza litorella (Fallén, 1823)
tribe Limnophoriini Villeneuve, 1902
LIMNOPHORA Robineau-Desvoidy, 1830
Limnophora nigripes (Robineau-Desvoidy, 1830)
Limnophora pandellei Séguy 1923 (see Notes)
Limnophora riparia (Fallén, 1824)
Limnophora rotundata Collin, 1930
Limnophora tigrina (Am Stein, 1860)
= *notata* (Fallén, 1823) preocc.
Limnophora triangula (Fallén, 1825)
Limnophora uniseta Stein, 1916
LISPE Latreille, 1796
Lispe consanguinea Loew, 1858
Lispe hydromyzina Fallén, 1825
Lispe litorea Fallén, 1825
Lispe melaleuca Loew, 1847
Lispe pygmaea Fallén, 1825
Lispe tentaculata (De Geer, 1776)
Lispe uliginosa Fallén, 1825
SPILOGONA Schnabl, 1911
Spilogona aerea (Fallén, 1825)
Spilogona albisquama (Ringdahl, 1932)
Spilogona alpica (Zetterstedt, 1845)
Spilogona arenosa (Ringdahl, 1918)
Spilogona atrisquamula Hennig, 1959
Spilogona baltica (Ringdahl, 1918)
Spilogona brunneifrons Ringdahl, 1931
Spilogona brunneisquama (Zetterstedt, 1845)
Spilogona carbonella (Zetterstedt, 1845)
Spilogona contractifrons (Zetterstedt, 1838)
Spilogona denigrata (Meigen, 1826)
Spilogona depressiuscula (Zetterstedt, 1838)
Spilogona depressula (Zetterstedt, 1845)
Spilogona dispar (Fallén, 1823)
= *funeralis* Rondani, 1866
Spilogona falleni Pont, 1984
= *litorea* auct. nec (Fallén, 1823)
Spilogona krogerusi (Ringdahl, 1941)
= *micans* misid.
Spilogona leucogaster (Zetterstedt, 1838)
Spilogona malaisei (Ringdahl, 1920)
Spilogona marginifera Hennig, 1959
= *marginalis* (Fallén, 1824) preocc.

Spilogona meadei (Schnabl, 1915)
Spilogona megastoma (Boheman, 1866)
Spilogona nigriventris (Zetterstedt, 1845)
Spilogona nitidicauda (Schnabl, 1911)
Spilogona novemmaculata (Zetterstedt, 1860)
Spilogona opaca (Schnabl, 1915)
Spilogona pacifica (Meigen, 1826)
= *vana* (Zetterstedt, 1845)
Spilogona palmeni (Ringdahl, 1935)
Spilogona pseudodispar (Frey, 1915)
= *spinitibia* (Ringdahl, 1918)
Spilogona pusilla (Huckett, 1932)
Spilogona quinquelineata (Zetterstedt, 1838)
Spilogona semiglobosa (Ringdahl, 1916)
Spilogona sororcula (Zetterstedt, 1845)
= *zetterstedti* (Ringdahl, 1918) preocc.
Spilogona spectabilis (Tiensuu, 1938)
Spilogona surda (Zetterstedt, 1845)
Spilogona tenuis Hennig, 1959
Spilogona tornensis (Ringdahl, 1926)
Spilogona triangulifera (Zetterstedt, 1838)
Spilogona trianguligera (Zetterstedt, 1838)
= *insularis* (Collin, 1921)
Spilogona trigonata (Zetterstedt, 1838)
Spilogona tundrae (Schnabl, 1915)
= *macropyga* (Frey, 1915)
Spilogona tundrica (Schnabl & Dziedzicki, 1911)
Spilogona varsaviensis (Schnabl & Dziedzicki, 1911)
= *glauca* (Stein, 1916)
Spilogona veterrima (Zetterstedt, 1845)
VILLENEUVIA Schnabl & Dziedzicki, 1911
Villeneuvia aestuum (Villeneuve, 1902)
AZELIINAE Robineau-Desvoidy, 1830
tribe Azeliini Robineau-Desvoidy, 1830
AZELIA Robineau-Desvoidy, 1830
Azelia aterrima (Meigen, 1826)
Azelia cilipes (Haliday, 1838)
Azelia gibbera (Meigen, 1826)
Azelia monodactyla Loew, 1874
Azelia nebulosa Robineau-Desvoidy, 1830
= *macquarti* (Staeger in Schiødte, 1843)
Azelia trigonica Hennig, 1956
= *nuda* Hennig, 1956

Azelia triquetra (Wiedemann, 1817)
Azelia zetterstedtii Rondani, 1866
***DRYMEIA* Meigen, 1826**
= *Pogonomyia* Rondani, 1871
= *Trichopticoides* Ringdahl, 1931
Drymeia hamata (Fallén, 1823)
Drymeia tetra (Meigen, 1826)
Drymeia vicana (Harris, 1780)
= *decolor* (Fallén, 1824)
HYDROTAEA Robineau-Desvoidy, 1830
= *Ophyra* Robineau-Desvoidy, 1830
= *Lasiops* Meigen, 1838
Hydrotaea aenescens (Wiedemann, 1830)
Hydrotaea albipuncta (Zetterstedt, 1845)
Hydrotaea anxia (Zetterstedt, 1838)
= *bispinosa* (Zetterstedt, 1845)
Hydrotaea armipes (Fallén, 1825)
= *occulta* (Meigen, 1826)
Hydrotaea basdeni Collin, 1939
Hydrotaea borussica Stein, 1899
Hydrotaea cyrtoneurina (Zetterstedt, 1845)
Hydrotaea dentipes (Fabricius, 1805)
Hydrotaea diabolus (Harrris, 1780)
= *ciliata* (Fabricius, 1794) preocc.
= *bimaculata* (Meigen, 1826)
Hydrotaea floccosa Macquart, 1835
= *armipes* auct. nec (Fallén, 1825)
Hydrotaea ignava (Harrris, 1780)
= *leucostoma* (Wiedemann, 1817)
Hydrotaea irritans (Fallén, 1823)
Hydrotaea meridionalis Portschinsky, 1882
Hydrotaea meteorica (Linnaeus, 1758)
Hydrotaea militaris (Meigen, 1826)
Hydrotaea nidicola Malloch, 1925
Hydrotaea palaestrica (Meigen, 1826)
Hydrotaea pandellei Stein, 1899
Hydrotaea parva Meade, 1889
Hydrotaea pellucens Portschinsky, 1879
Hydrotaea pilipes Stein, 1903
Hydrotaea pilitibia Stein, 1916
Hydrotaea ringdahli Stein, 1916
Hydrotaea scambus (Zetterstedt, 1838)
Hydrotaea similis Meade, 1887

Hydrotaea tuberculata Rondani, 1866
Hydrotaea velutina Robineau-Desvoidy, 1830
***POTAMIA* Robineau-Desvoidy, 1830**
= *Dendrophaonia* Malloch, 1923
Potamia littoralis Robineau-Desvoidy, 1830
= *querceti* (Bouché, 1834)
THRICOPS Rondani, 1856
= *Alleostylus* Schnabl, 1888
Thricops aculeipes (Zetterstedt, 1838)
Thricops albibasalis (Zetterstedt, 1849)
= *sudeticus* auct. nec (Schnabl, 1888)
Thricops coquilletti (Malloch, 1920)
Thricops cunctans (Meigen, 1826)
= *hirsutulus* auct. nec (Zetterstedt, 1838)
Thricops diaphanus (Wiedemann, 1817)
Thricops foveolatus (Zetterstedt, 1845)
Thricops genarum (Zetterstedt, 1838)
= *sundewalli* (Zetterstedt, 1845)
Thricops hirtulus (Zetterstedt, 1838)
= *subrostratus* (Zetterstedt, 1845)
Thricops innocuus (Zetterstedt, 1838)
Thricops lividiventris (Zetterstedt, 1845)
Thricops longipes (Zetterstedt, 1845)
Thricops nigrifrons (Robineau-Desvoidy, 1830)
Thricops nigritellus (Zetterstedt, 1838)
Thricops rostratus (Meade, 1882)
Thricops rufisquamus (Schnabl, 1915)
= *penicillatus* (Ringdahl, 1926)
Thricops semicinereus (Wiedemann, 1817)
Thricops separ (Zetterstedt, 1845)
Thricops simplex (Wiedemann, 1817)
tribe Reinwardtiini Brauer & Bergenstamm, 1889
MUSCINA Robineau-Desvoidy, 1830
Muscina angustifrons (Loew, 1858)
Muscina levida (Harris, 1780)
= *assimilis* (Fallén, 1823)
Muscina pascuorum (Meigen, 1826)
Muscina prolapsa (Harris, 1780)
= *pabulorum* (Fallén, 1817)
Muscina stabulans (Fallén, 1817)
MUSCINAE Latreille, 1802
tribe Muscini Latreille, 1802
EUDASYPHORA Townsend, 1911

Eudasyphora cyanicolor (Zetterstedt, 1845)
Eudasyphora zimini (Hennig, 1963)
MESEMBRINA Meigen, 1826
= *Hypodermodes* Townsend, 1912
Mesembrina intermedia Zetterstedt, 1848?
Mesembrina meridiana (Linnaeus, 1758)
Mesembrina mystacea (Linnaeus, 1758)
Mesembrina resplendens Wahlberg, 1844
MORELLIA Robineau-Desvoidy, 1830
sg. *Morellia* Robineau-Desvoidy, 1830
Morellia aenescens Robineau-Desvoidy, 1830
Morellia hortorum (Fallén, 1817)
Morellia podagrica (Loew, 1857)
sg. *Ziminiella* Nihei & Carvalho, 2007
Morellia simplex (Loew, 1857)
MUSCA Linnaeus, 1758
Musca autumnalis De Geer, 1776
= *corvina* Fabricius, 1781
Musca domestica Linnaeus, 1758
Musca tempestiva Fallén, 1817
NEOMYIA Walker, 1859
= *Orthellia* Robineau-Desvoidy, 1863
Neomyia cornicina (Fabricius, 1781)
= *caesarion* (Meigen, 1826)
= *fennica* (Frey, 1909)
Neomyia viridescens (Robineau-Desvoidy, 1830)
= *cornicina* auct. nec (Fabricius, 1781)
POLIETES Rondani, 1866
Polietes domitor (Harris, 1780)
= *albolineatus* (Fallén, 1823)
Polietes lardarius (Fabricius, 1781)
Polietes nigrolimbatus (von Bonsdorff, 1866)
Polietes steinii (Ringdahl, 1913)
PYRELLIA Robineau-Desvoidy, 1830
Pyrellia vivida Robineau-Desvoidy, 1830
= *cadaverina* auct. nec (Linnaeus, 1758)
tribe Stomoxyini Meigen, 1824
HAEMATOBIA Le Peletier & Serville, 1828
= *Lyperosia* Rondani, 1856
Haematobia irritans (Linnaeus, 1758)
HAEMATOBOSCA Bezzi, 1907
Haematobosca alcis Snow, 1891
= *crassipalpis* (Ringdahl, 1920)

Haematobosca stimulans (Meigen, 1824)
STOMOXYS Geoffroy, 1762
Stomoxys calcitrans (Linnaeus, 1758)
MYDAEINAE Verrall, 1888
GRAPHOMYA Robineau-Desvoidy, 1830
Graphomya maculata (Scopoli, 1763)
Graphomya minor Robineau-Desvoidy, 1830
GYMNODIA Robineau-Desvoidy, 1863
= *Brontaea* Kowarz, 1873
Gymnodia humilis (Zetterstedt, 1860)
***HEBECNEMA* Schnabl, 1889**
Hebecnema fumosa (Meigen, 1826)
Hebecnema nigra (Robineau-Desvoidy, 1830)
= *vespertina* auct. nec (Fallén, 1823)
Hebecnema nigricolor (Fallén, 1825)
Hebecnema umbratica (Meigen, 1826)
Hebecnema vespertina (Fallén, 1823)
= *affinis* Malloch, 1921
MYDAEA Robineau-Desvoidy, 1830
Mydaea affinis Meade, 1891
= *discimana* Malloch, 1920
Mydaea ancilla (Meigen, 1826)
Mydaea anicula (Zetterstedt, 1860)
Mydaea corni Scopoli, 1763
= *pagana* (Fabricius, 1794) preocc.
= *scutellaris* Robineau-Desvoidy, 1830
Mydaea deserta (Zetterstedt, 1845)
Mydaea detrita (Zetterstedt, 1845)
= *electa* (Zetterstedt, 1860)
Mydaea humeralis Robineau-Desvoidy, 1830
= *tincta* (Zetterstedt, 1845)
Mydaea nebulosa (Stein, 1893)
Mydaea obscurella Malloch, 1921
= *bengtssoni* Ringdahl, 1924
Mydaea orthonevra (Macquart, 1835)
= *detrita* auct. nec (Zetterstedt, 1845)
Mydaea palpalis Stein, 1916
Mydaea setifemur Ringdahl, 1924
Mydaea sootryeni Ringdahl, 1928
Mydaea urbana (Meigen, 1826)
MYOSPILA Rondani, 1856
Myospila bimaculata (Macquart, 1834)
Myospila meditabunda (Fabricius, 1781)

OPSOLASIA Coquillett, 1910
Opsolasia orichalcea (Zetterstedt, 1849)
PHAONIINAE Malloch, 1917
tribe Phaoniini Malloch, 1917
HELINA Robineau-Desvoidy, 1830
Helina abdominalis (Zetterstedt, 1846)
Helina allotalla (Meigen, 1830)
Helina annosa (Zetterstedt, 1838)
Helina atricolor (Fallén, 1825)
= *denudata* (Zetterstedt, 1845)
= *denutata* emend.
Helina bohemani (Ringdahl, 1916)
Helina celsa (Harris, 1780)
= *quadrimaculata* (Fallén, 1823) preocc.
= *quadrimaculella* Hennig, 1957
? *Helina ciliata* Karl, 1929 (see Notes)
Helina ciliatocosta (Zetterstedt, 1845)
= *ciliatocostata* emend.
Helina cilipes (Schnabl, 1902)
Helina cinerella (van der Wulp, 1867)
= *vanderwulpi* (Schnabl, 1888)
= *calceata* misid.
Helina confinis (Fallén, 1825)
= *anceps* (Zetterstedt, 1838)
Helina consimilis (Fallén, 1825)
Helina cothurnata (Rondani, 1866)
= *obscuripes* auct. nec (Zetterstedt, 1845)
Helina daicles (Walker, 1849)
= *binotata* (Zetterstedt, 1845)
Helina depuncta (Fallén, 1825)
Helina evecta (Harris, 1780)
= *lucorum* (Fallén, 1823) preocc.
= *laetifica* (Robineau-Desvoidy, 1830)
Helina flavisquama (Zetterstedt, 1849)
Helina fratercula (Zetterstedt, 1845)
Helina fulvisquama (Zetterstedt, 1845)
Helina impuncta (Fallén, 1825)
Helina latitarsis Ringdahl, 1924
Helina laxifrons (Zetterstedt, 1860)
Helina longicornis (Zetterstedt, 1838)
Helina luteisquama (Zetterstedt, 1845)
Helina maculipennis (Zetterstedt, 1845)
= *obscuripes* (Zetterstedt, 1845)

Helina obscurata (Meigen, 1826)
Helina pertusa (Meigen, 1826)
Helina protuberans (Zetterstedt, 1845)
Helina pubiseta (Zetterstedt, 1845)
Helina quadrinotata (Meigen, 1826)
Helina quadrum (Fabricius, 1805)
Helina reversio (Harris, 1780)
= *duplicata* (Meigen, 1826)
= *duplaris* auct. nec (Zetterstedt, 1845)
= *communis* (Robineau-Desvoidy, 1830)
Helina setiventris Ringdahl, 1924
Helina sexmaculata (Preyssler, 1791)
= *uliginosa* (Fallén, 1825) preocc.
= *punctata* (Robineau-Desvoidy, 1830)
Helina spinicosta (Zetterstedt, 1845)
Helina squalens (Zetterstedt, 1838)
= *borealis* (Zetterstedt, 1838)
Helina subvittata (Séguy, 1923)
= *rothi* Ringdahl, 1939
= *marmorata* auct. nec (Zetterstedt, 1860)
Helina tetrastigma (Meigen, 1826)
= *flagripes* (Rondani, 1866)
Helina trivittata (Zetterstedt, 1860)
= *atripes* (Meade, 1889)
Helina veterana (Zetterstedt, 1838)
Helina vicina (Czerny, 1900)
= *suecica* Ringdahl, 1924
***LOPHOSCELES* Ringdahl, 1922**
Lophosceles cinereiventris (Zetterstedt, 1845)
= *cristata* (Zetterstedt, 1845)
Lophosceles frenatus (Holmgren, 1872)
Lophosceles hians (Zetterstedt, 1838)
Lophosceles mutatus (Fallén, 1825)
PHAONIA Robineau-Desvoidy, 1830
= *Wahlgrenia* Ringdahl, 1929
= *Dialytina* Ringdahl, 1945
Phaonia aeneiventris (Zetterstedt, 1845)
= *cinctinervis* (Zetterstedt, 1860)
Phaonia alpicola (Zetterstedt, 1845)
Phaonia amabilis (Meigen, 1826)
Phaonia amicula Villeneuve, 1922 (see Notes)
Phaonia angelicae (Scopoli, 1763)
= *basalis* (Zetterstedt, 1838)

Phaonia angulicornis (Zetterstedt, 1838)
= *erinacea* (Fallén, 1824)
Phaonia apicalis Stein, 1914
Phaonia atriceps (Loew, 1858)
Phaonia atrocyanea Ringdahl, 1916
Phaonia canescens Stein, 1916
Phaonia consobrina (Zetterstedt, 1838)
Phaonia czernyi Hennig, 1963
= *steinii* Czerny, 1900 preocc.
Phaonia errans (Meigen, 1826)
= *erratica* (Fallén, 1825) preocc.
Phaonia erronea (Schnabl, 1887)
Phaonia falleni (Michelsen, 1977)
= *vagans* (Fallén, 1825) preocc.
Phaonia fugax Tiensuu, 1946
Phaonia fuscata (Fallén, 1825)
Phaonia gobertii (Mik, 1881)
Phaonia gracilis Stein, 1916
Phaonia grandaeva (Zetterstedt, 1845)
Phaonia halterata (Stein, 1893)
Phaonia hybrida (Schnabl, 1888)
Phaonia incana (Wiedemann, 1817)
Phaonia jaroschewskii (Schnabl, 1888)
= *crinipes* Stein, 1913
Phaonia kowarzii (Schnabl, 1886)
= *fulvicornis* Tiensuu, 1936
Phaonia laeta (Fallén, 1823)
Phaonia latipalpis Schnabl, 1911
= *umbraticola* d'Assis-Fonseca, 1957
Phaonia longicornis Stein, 1916
Phaonia lugubris (Meigen, 1826)
= *morio* (Zetterstedt, 1845)
Phaonia magnicornis (Zetterstedt, 1845)
Phaonia meigeni Pont, 1986
= *lugubris* auct. nec (Meigen, 1826)
Phaonia mystica (Meigen, 1826)
= *vittifera* (Zetterstedt, 1845)
Phaonia nymphaearum (Robineau-Desvoidy, 1830)
= *nitida* (Macquart, 1835)
Phaonia pallida (Fabricius, 1787)
Phaonia pallidisquama (Zetterstedt, 1849)
Phaonia palpata (Stein, 1897)
Phaonia perdita (Meigen, 1830)
Phaonia pratensis (Robineau-Desvoidy, 1830)

= *laeta* auct. nec (Fallén, 1923)
Phaonia rufipalpis (Macquart, 1835)
Phaonia rufiventris (Scopoli, 1763)
= *populi* (Meigen, 1826)
Phaonia serva (Meigen, 1826)
Phaonia steinii (Strobl, 1898)
Phaonia subfuscinervis (Zetterstedt, 1838)
Phaonia subventa (Harris, 1780)
= *variegata* (Meigen, 1826)
Phaonia taigensis Zinovjev, 1987
Phaonia tiefii Schnabl, 1888
Phaonia trimaculata (Bouché)
= *servaeformis* Ringdahl, 1916
Phaonia tuguriorum (Scopoli, 1763)
= *signata* (Meigen, 1826)
Phaonia valida (Harris, 1780)
= *viarum* (Robineau-Desvoidy, 1830)
= *erratica* auct. nec (Fallén, 1825)
Phaonia villana Robineau-Desvoidy, 1830
= *mystica* auct. nec (Meigen, 1826)
Phaonia vivida (Rondani, 1870)
= *austriaca* (Czerny, 1900)
Phaonia wahlbergi Ringdahl, 1930
Phaonia zugmayeriae (Schnabl, 1888)
?= *humeralis* (Zetterstedt, 1845)
= *humerella* (Stein, 1900)

Excluded species

Coenosia femoralis (Robineau-Desvoidy, 1830) misidentified
Fannia barbata (Stein, 1892) not found within present borders
Fannia lineata (Stein, 1895) not found within present borders
Fannia nigra Malloch, 1910 not found within present borders
Hydrotaea glabricula (Fallén, 1825)
Limnophora pollinifrons Stein, 1916 not found within present borders
Phaonia bitincta (Rondani, 1866) misidentified
Scathophaga calida Haliday in Curtis, 1832 not found within present borders
Spilogona acrostichalis (Stein, 1916)
Spilogona norvegica (Ringdahl, 1932)
Spilogona obscuripennis (Stein, 1916) not found within present borders
Spilogona septemnotata (Zetterstedt, 1845) misidentified
Spilogona setigera (Stein, 1907)
Spilogona spininervis (Villeneuve, 1922)

Notes

***Coenosia comita* (Huckett, 1936)**. Collected only from Salla. The type locality of *C. ovulivera* Tiensuu, Vuorijärvi, is now Russian territory (Tiensuu 1938). A second specimen, also taken in 1936 by R. Krogerus (in MZH), bears only the label 'Salla' and probably also originates from the vicinity of Vuorijärvi, but it is possible that it was collected from the Finnish part of Salla, a municipality split between Russia and Finland in 1944.

***Helina ciliata* Karl, 1929**. Ringdahl (1952), quoting "Tiensuu's papers", lists this species from Finland. We could not locate the original record in Tiensuu's published works or among the available collection specimens. It seems possible Ringdahl make a mistake in his tables. The species is also listed as Finnish by Hackman (1980), again without any details.

***Limnophora pandellei* Séguy, 1923**. Only females have been found in Finland. The identification remains slightly doubtful (Kahanpää 2013).

***Norellia tipularia* (Fabricius, 1794)**. This species was first recorded from Finland by Winqvist (2011). Šifner (2003, 2008) considers *N. tipularia* a nomen dubium and probably synonymous with *N. spinipes* Meigen, but Ozerov and Krivosheina (2011) disagree and provide a detailed diagnosis.

***Parallelomma paridis* Hering, 1923**. This name was synonymized with *P. vittatum* (Meigen) by Šifner (1978). Ozerov (2010, 2014) examined the types of *P. paridis* and upheld the synonymy. Not everyone agrees with this synonymy (Nelson 1990). Finnish CO1 DNA fingerprints (Kahanpää, unpublished) of larvae on *Paris* (Liliaceae) and adults caught among *Dactylorhiza* (Orchidaceae) suggest that two species are involved.

***Phaonia amicula* Villeneuve, 1922**. New to Finland. Recorded as *Phaonia* sp. nr. *halterata* by Winqvist (2011): *Ab*: Turku, Ruissalo (67093:32336), 3.vii.2008, leg K. Winqvist, 1 male.

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